



# WHITE SANDS TEST FACILITY

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## Visitor's Guide

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Acknowledgements:  
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L & M Technologies, Inc.


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# White Sands Test Facility

## Visitor's Guide

### ICON KEY

 Pictures

## Process of Visiting WSTF

**If you are a NASA employee**, your badge will be your entry into the site through the security gate. You must show your badge at the gate. If you need an escort, the guard will call your WSTF point of contact.



**Non-NASA visitors** will have to stop at the gate to be badged. Your WSTF sponsor will notify the gate prior to your arrival to arrange clearance. You will be asked to pull over at the gate, sign in, and don a WSTF visitor's badge. Please have the name and number of your on-site sponsor available. You will not be allowed through the gate without prior clearance from a WSTF point of contact.

**Non-U. S. citizens** require special processing to enter WSTF. Your point of contact must be notified well in advance to make the proper arrangements. You may be required to submit an official visit request to WSTF Security or to NASA Headquarters to gain entry.

**All Personnel** must wear their badges at ALL times when at WSTF.

## SAFETY



**You must be escorted** into the 300, 400, and 800 Test Areas for the first time. It is best to meet your point of contact at the gate or one of the 100 or 200 Area buildings for this escort (please see the maps for this area).

If you have visited the test areas before and have received a safety briefing, you may drive directly to these areas. You may not enter the hazardous areas (Test Stands and

Test Cells) without escort unless you have had the full 2-hour safety briefing and have been authorized by your point of contact.



**Observe/Obey traffic signs.** Traffic lights are located at each entry to the hazardous areas. A **RED** light means NO ENTRY. Please retreat from the **RED** light and obtain further instructions. An **AMBER** light means there may be a **HAZARDOUS** situation. You must follow the instructions near the **AMBER** light or retreat and obtain further instructions. A **GREEN** light means you may proceed to your destination.



Warning, instructional, and other types of signs are there for your safety. Read and obey these signs.

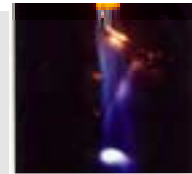
**No passing on the access road!** It may look clear but it is filled with dips that can easily hide an on-coming car. Also slow down after rainfall; the dips may be filled with running water or debris, even if the road is not wet. There is wildlife on the access road and also on WSTF, so watch for deer, coyotes, and other large animals.



#### **Firearms and Alcohol**

Firearms and alcohol are absolutely **NOT** permitted on site.

## History and Work Character



**The NASA, White Sands Test Facility (WSTF)** was established in 1962 to support the development and qualification of Apollo spacecraft propulsion and power systems and associated subsystems. In 1967, the laboratories were expanded to include extensive testing of materials and components associated with spacecraft propulsion and power systems. Through continuous improvements, the White Sands Test Facility has become an extremely comprehensive accumulation of spacecraft propulsion, power, and related test capabilities.

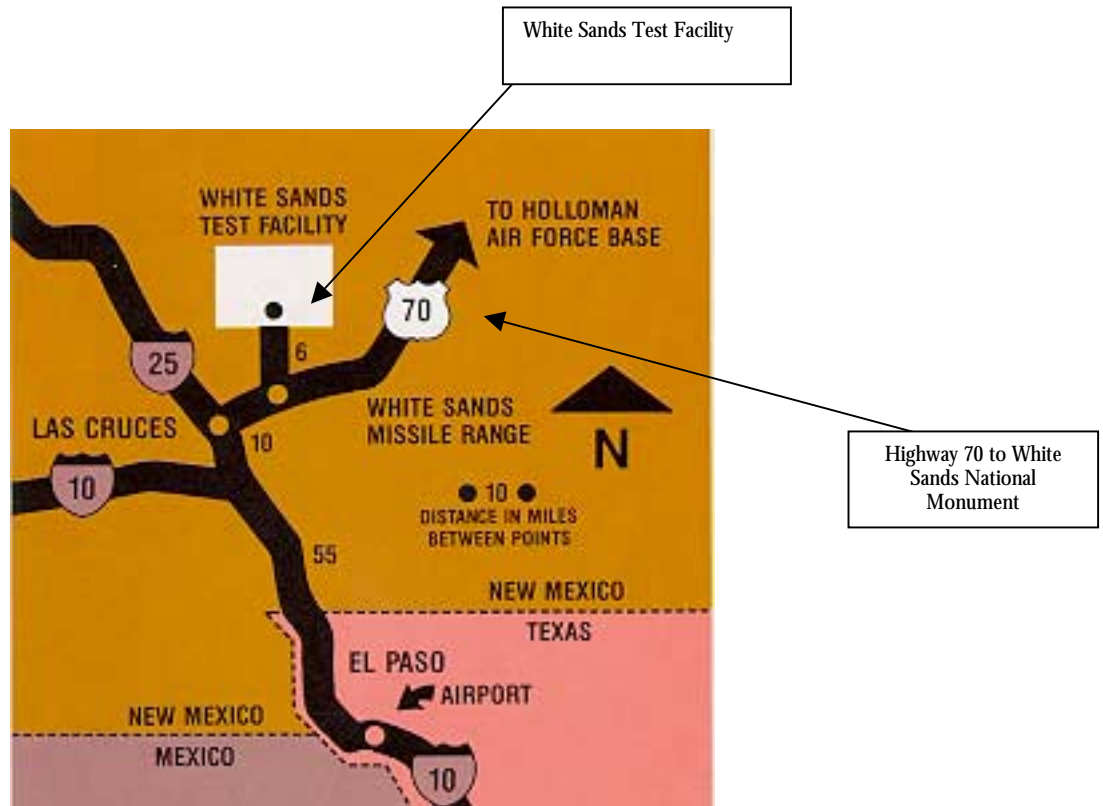


**WSTF provides a wide variety of test and laboratory research and development (R&D)** support to all NASA Centers, the Department of Defense, other Government agencies, and private industry. The WSTF capabilities for space-simulated vacuum firings of solid and liquid rocket propulsion systems are among the most extensive in the nation. The sophisticated laboratory investigations of potentially hazardous material and component properties and behavior in aerospace applications have led to its preeminence in that field for the Space Agency. In addition, the isolated location of the site, expansive area (28 sq. mi.), and favorable environmental conditions have proven to be ideally suited for large-scale or hazardous tests.

## Visit our Website

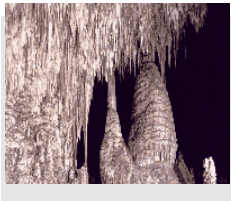
Additional information can be obtained by visiting our website, at <http://www.wstf.nasa.gov>

### Area Attractions



#### White Sands National Monument—

68 miles east of Las Cruces on Highway 70, near Alamogordo and Holloman Air Force Base, the expansive 275 square miles of white gypsum dunes are a sight to see! Bring water, sunglasses, a hat, and be wary of summer and noonday heat. The full moon tours during the summer are very nice, and Stealth fighters can be seen cruising overhead. 505-479-6124.



#### Carlsbad Caverns—

20 miles southwest of Carlsbad, NM, the National Park includes miles of spectacular limestone caves adorned with colorful water pools, stalactites and stalagmites. Self-guided tours are available; reservations are required for guided tours. 505-786-7014.



#### Elephant Butte Lake—

Five miles north of Truth or Consequences, NM, off I-25, this is the largest and most popular water recreation site in New Mexico! 505-744-5421.

#### The Las Cruces Farmers & Crafts Market---

An open-air market held Wednesdays and Saturdays from 8:30 a.m. - 12:30 p.m. with an average of 75-150 vendors. Located in downtown Las Cruces on the north end of the Downtown Mall, the market offers exciting shopping.

#### Area Lodging

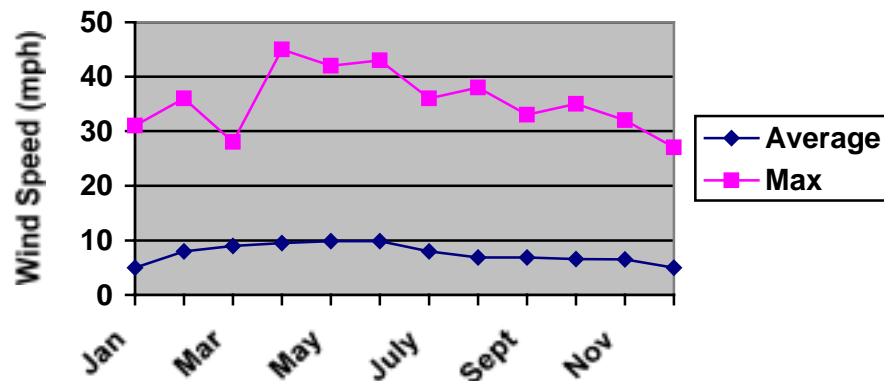
##### Area Lodging

Many Motels and Hotels are available in the Las Cruces area. A partial list has been compiled in the appendix for your convenience.

Please visit the Las Cruces Area Website at:

<http://www.weblifepro.com/lascruces/> for further information on area attractions and lodging.

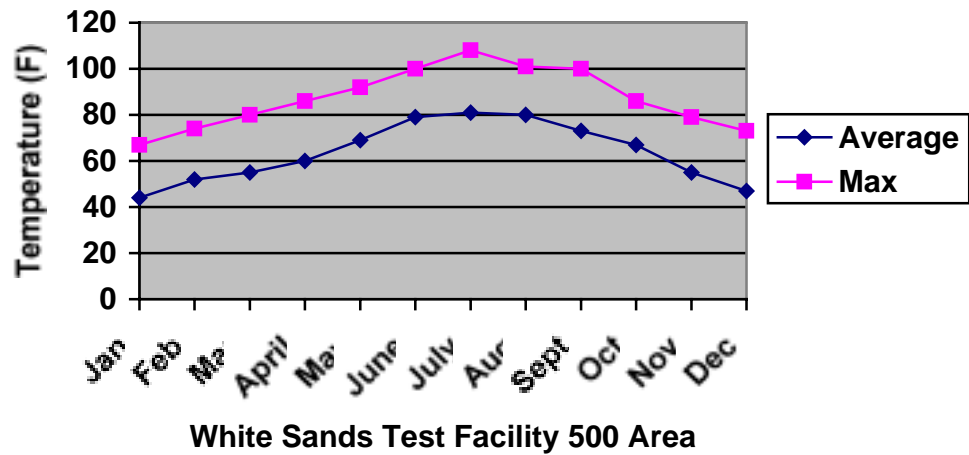
#### Area Weather



White Sands Test Facility 500 Area

Annual Wind Data Summary for 1995

Our climate is arid, a Chihuahuan Desert, with a variety of wind speeds and temperatures. Temperatures may be quite high during the day, with rapidly cooling temperatures at night.



Annual Temperature Data Summary for 1995

Maps to your destination

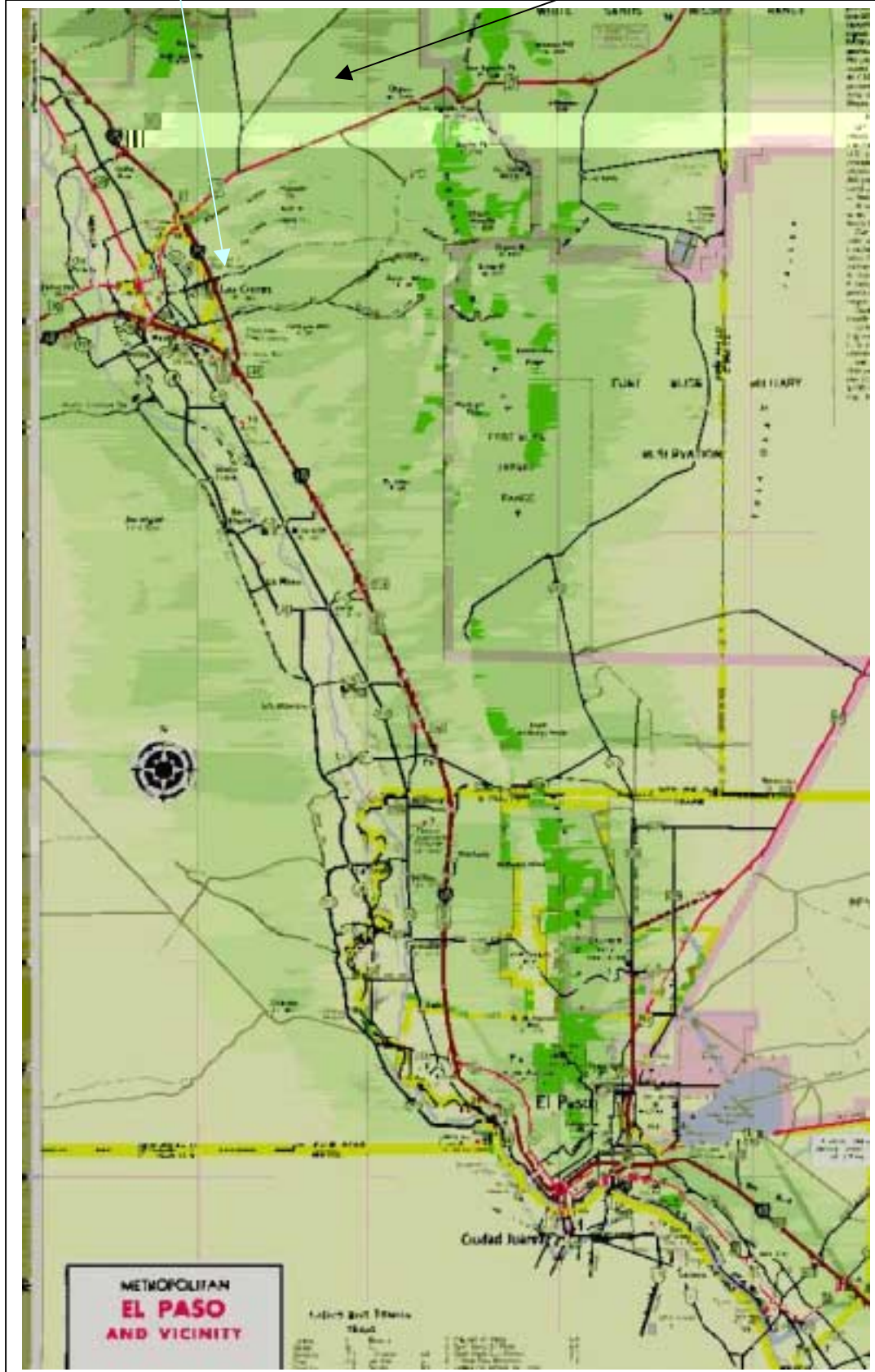
**Your safety is our utmost concern.** It is very important to not become lost while traveling to or around the site. Several maps are located in the appendix for your convenience. These include the Las Cruces area, with a few of the motels and restaurants identified, an overall WSTF map, and maps of the primary areas at WSTF. Your WSTF point of contact can provide you with additional maps or directions if needed.

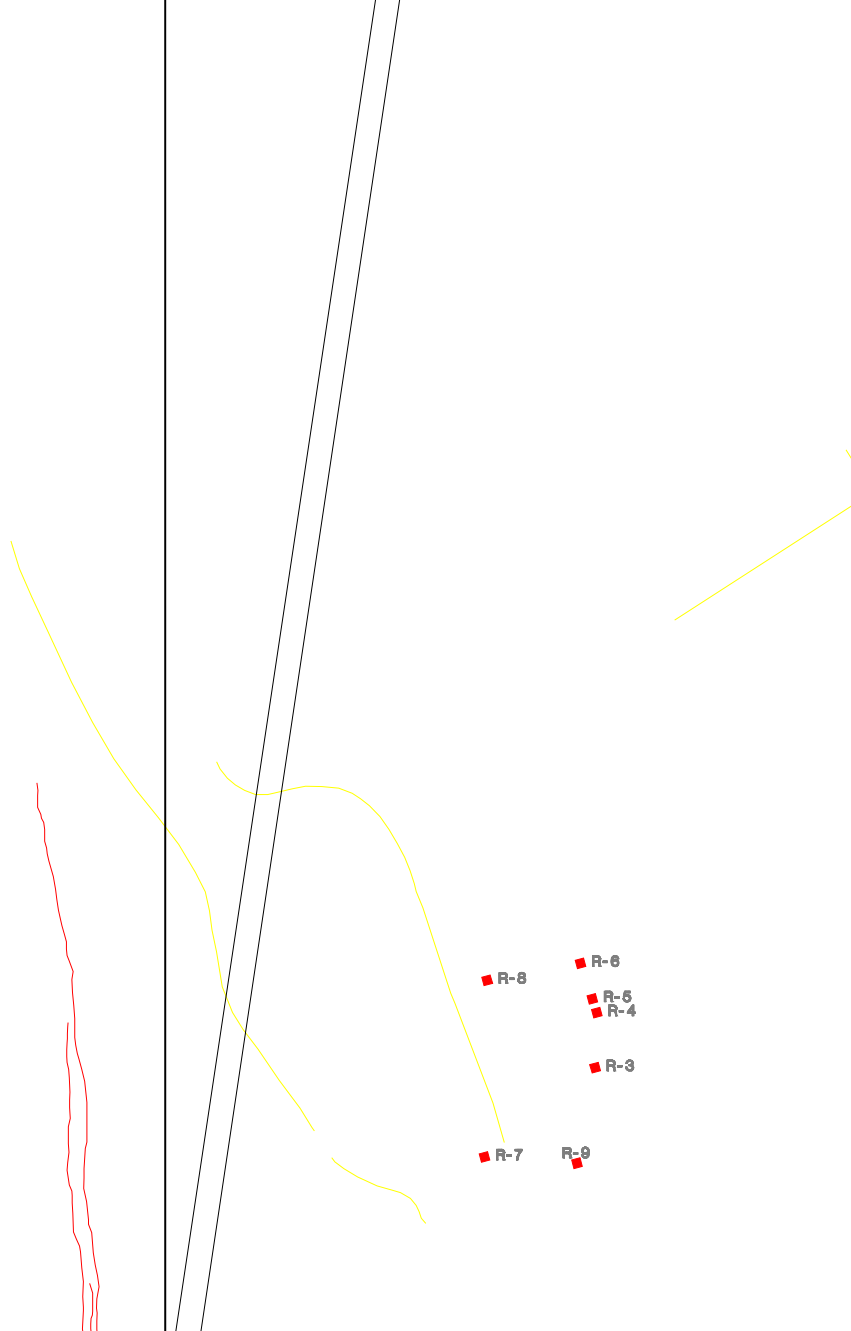
Because our cities and towns are so far apart, it is a good idea, while traveling around New Mexico, to carry water, extra clothes, and a first aid kit.

## Appendix Maps and Lodging

Las Cruces

NASA Johnson Space Center  
White Sands Test Facility



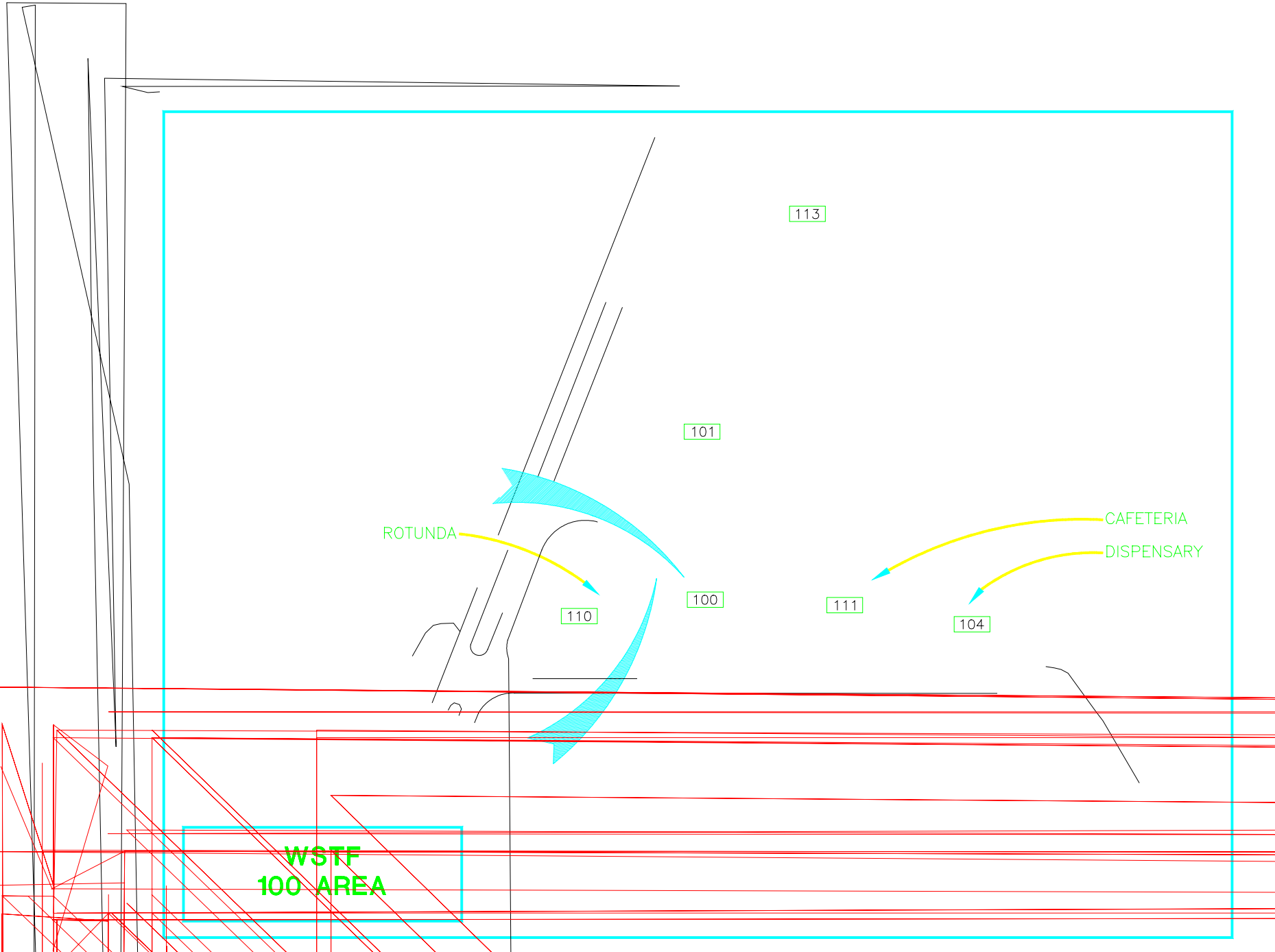


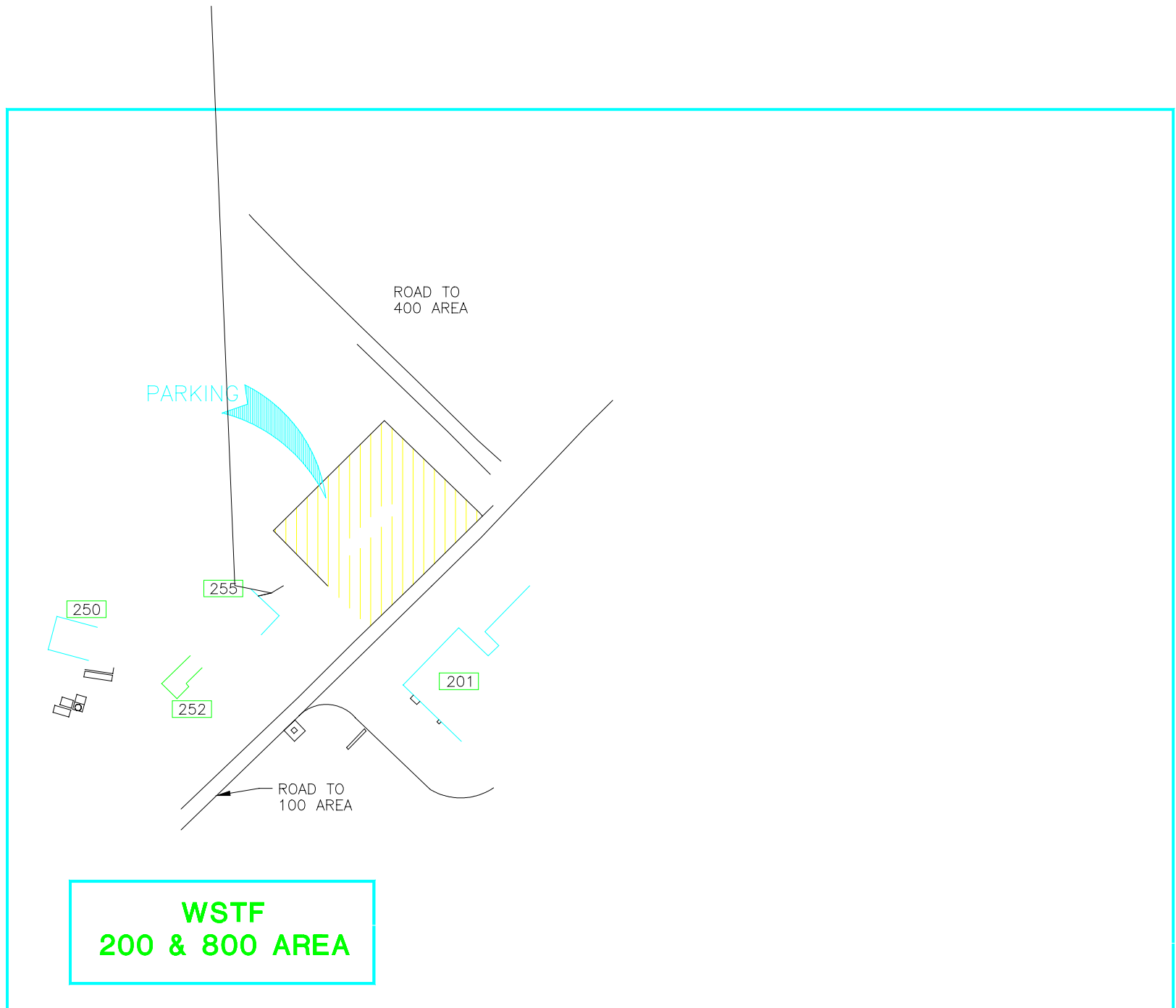
**RESTAURANTS**

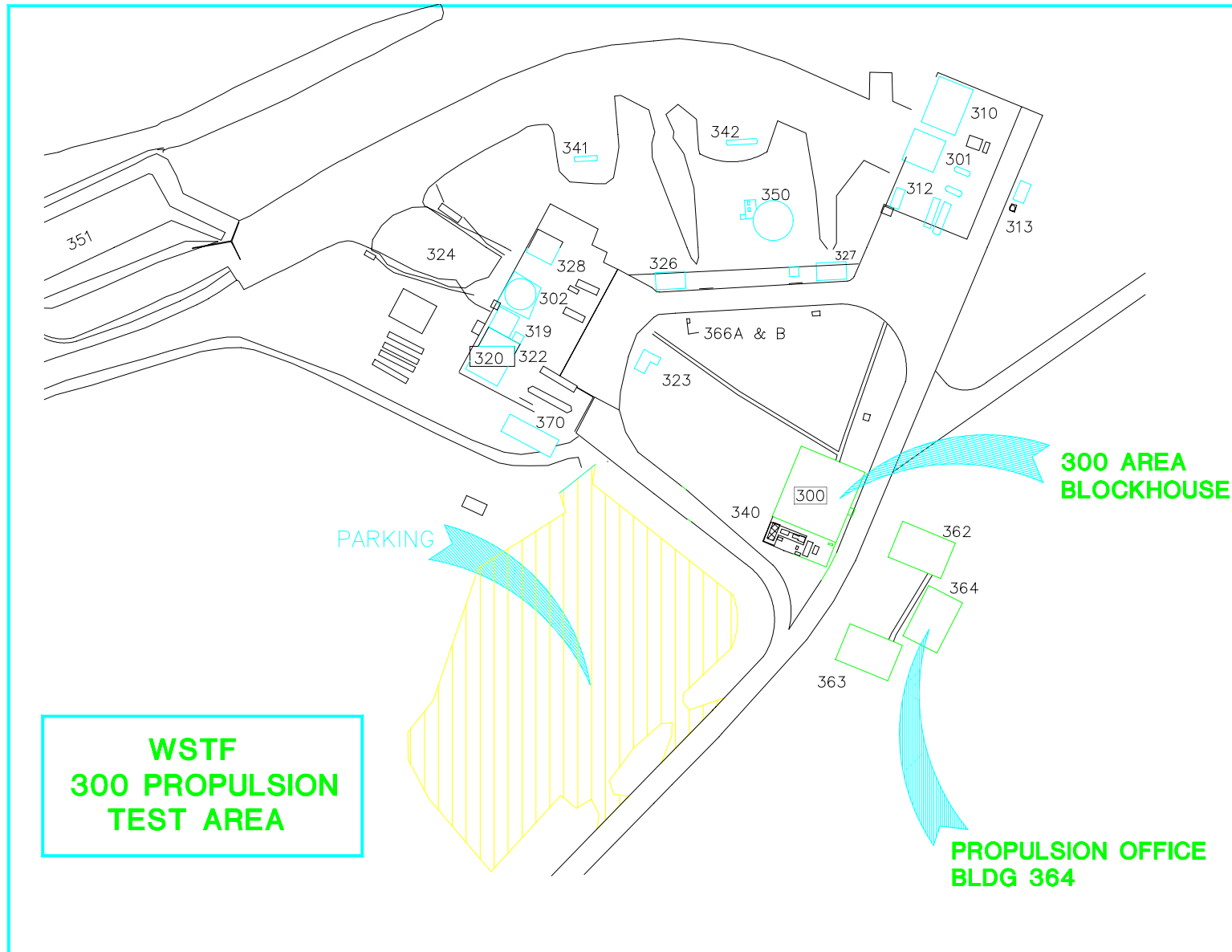
- R-3 Cattle Baron
- R-4 Golden Corral
- R-5 Red Lobster
- R-6 Village Inn
- R-7 Hacienda
- R-8 Si Senor
- R-9 Bennigan's

**AREA CODE (505)**

- 522-4300
- 522-6840
- 526-4411
- 524-8603
- 526-8311
- 524-0331









OPEN BURN/OPEN  
DETONATION AREA

700 AREA  
LANDFILL

AREA 700

TO SECOND TDRSS

PROPELLANT STORAGE  
AREA 500

PROPULSION AREA 400

250 TEST SITE

SEWAGE  
LAGOONS



SECOND TDRSS  
ACCESS ROAD

EXPLOSIVES  
STORAGE

180B  
180A  
180

SEWAGE  
LAGOONS

AREA 600

WHITE SANDS TEST FACILITY

# MOTELS

Rates as of: April 7, 1998

NM TAX: 12%

Area Code: 505

MOTEL				OTHER	DIRECTIONS
	GOVT	CORP.	STND		
BW Mesilla Valley Inn 901 Avenida de Mesilla PHN: 524-8603	50.00	46.80	52.00	Outdoor Pool	I-10 @ Exit 140, east on Avenida de Mesilla
BW Mission Inn 1765 S. Main St. PHN: 524-8591	44.50	46.80	52.00	Free Full Breakfast; Outdoor Pool	I-10 @ Exit 142, North on Main
Budgetel Inn 1500 Hickory Ln. PHN: 523-0100	35.00	Bus..Suite 38.95	35.95 ♦	In-room Coffee Maker Cont'l Breakfast del to rm; Outdoor Htd Pool; ♦ King Bed; Comp Modem	I-10 @ Exit 140, west on Avenida de Mesilla
Comfort Inn 2585 S. Valley Dr. PHN: 527-2000	N/A	50.00	60.00		I-10 @ University Exit, then E ~ 2 mi
Comfort Suites 2101 S. Triviz PHN: 522-1300	47.500	64.00	64.95	Cont'l Breakfast; Heated In-Door Pool/ Jacuzzi; Close to Hospital	I-25 @ University Exit, left on Univ ~ ¼ mi., R on Triviz
Fairfield Inn 2101 Summit Ct. PHN: 522-6840	47.59	49.95	49.95	Outdoor Pool	I-25 @ Exit 6a (east) S. by K Mart
Hampton Inn 755 Avenida de Mesilla PHN: 526-8311	43.00	44.95	44.95	Cont'l Breakfast; Outdoor Pool	I-10 @ Exit 140, east on Avenida de Mesilla
Hilton Inn 705 S. Telshor Blvd PHN:	57.00	87.00	102.00	Restaurant on premises; Htd outdoor pool; Close to restaurants, Mall; hospital	I-25 @ University Exit, then east to Telshor, 3 miles north
Holiday Inn 2200 S. Valley PHN: 526-4411	45.79	61.95	84.95 **	Restaurant on premises; In- and outdoor pool; **Free Breakfast	I-10 @ University Exit
Holiday Inn Express 2200 S. Valley PHN: 527-9947	44.89	52.00	5.00	Cont'l Breakfast; Outdoor pool/Htd. Spa; Ex Rm	I-10 @ University Exit, cross Univ, proceed 2 blks, cross RR tracks
LaQuinta 790 Avenida de Mesilla PHN: 524-0331	47.59	56.00	58.00	Cont'l breakfast; In-Rm coffee makers; Outdoor Htd. pool; Ex. Rm; Jacuzzi in upgraded Rms	I-10 @ Exit 140, east on Avenida de Mesilla
Sleep Inn 212 S. Triviz PHN: 522-1700	44.00	54.95	59.95	Cont'l breakfast; Indoor pool/Jacuzzi; 24-Hr. Coffee Bar in Lobby	I-25 @ University, left on Univ ~ ¼ mi.
Vancouver Suites 1611 Hickory Ln PHN: 541-8887	44.90	55.00	59.00 (\$49-wkend)	Cont'l breakfast; In-Rm coffee makers; Outdoor pool/Jacuzzi; Ex. Rm	I-10 @ Exit 140 (Avenida de Mesilla), then east